

MSTO1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56874**Specification**

MSTO1 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	O9BUK6
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	61835

MSTO1 Polyclonal Antibody - Additional Information**Gene ID** 55154**Other Names**

Protein misato homolog 1, MSTO1

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MSTO1 Polyclonal Antibody - Protein Information**Name** MSTO1**Function**

Involved in the regulation of mitochondrial distribution and morphology (PubMed:17349998, PubMed:28554942, PubMed:28544275). Required for mitochondrial fusion and mitochondrial network formation (PubMed:28554942, PubMed:28544275).

Cellular Location

Mitochondrion outer membrane. Cytoplasm

Tissue Location

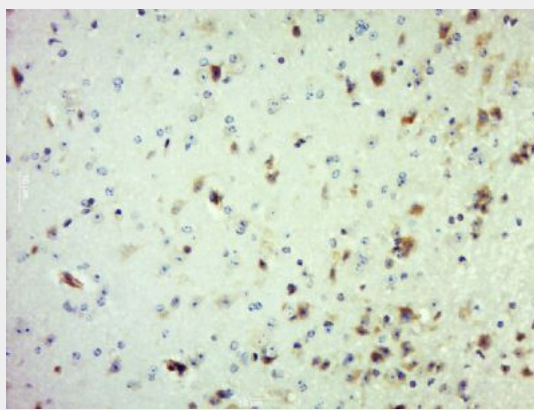
Present in all cell lines tested (at protein level). Widely expressed.

MSTO1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MSTO1 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MSTO1) Polyclonal Antibody, Unconjugated (bs-17863R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.